

Taxonomical Notes on Three Pselaphine Species
(Staphylinidae, Pselaphinae) Described by
WEISE, 1877 from Japan

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Abstract Three pselaphine species described by WEISE (1877) from Japan are revised on the basis of the type specimens preserved in the Museum für Naturkunde, Humboldt University (MNHU), Berlin. As the result, *Batrissoplusis nomurai* LÖBL (replacement name for *B. antennatus* (WEISE)) is synonymised with *B. tosanus* NOMURA, and *Bryaxis frontalis* JEANNEL is found identical with *B. subseriatus* (WEISE).

WEISE (1877) described three pselaphine species from Japan on the basis of HILLER's material collected from Hagi, Yamaguchi Prefecture, though no scientist has examined or redescribed the types of these species. The author visited the Museum für Naturkunde, Humboldt University (MNHU), Berlin in May 2005, and found the type material including probable syntypes. As the result of his examination, two new synonyms presented here were clarified.

The author is much indebted to Dr. Johannes FRISCH (MNHU) for his kind assistance for examination and loan of the material in MNHU.

Batrissoplusis tosanus NOMURA

[Japanese name: Tosa-fusahige-arizukamushi]

(Figs. 1–2)

Batrissus antennatus WEISE, 1877, Dtsch. ent. Z., **21**: 97. (preoccupied by MOTSCHULSKY, 1851).

Batrissocenus antennatus: RAFFRAY, 1904, Annls. Soc. ent. Fr., **73**: 98.

Batrissoplusis antennatus: RAFFRAY, 1908, Gen. Ins., (64): 180; 1911, Coleopt. Cat., (27): 74. — JEANNEL, 1958, Mém. Mus. Hist. nat., Paris, (A), **18**: 54. — NOMURA, 1991, Esakia, Fukuoka, (30): 289.

Batrissoplusis tosanus NOMURA, 1991, Esakia, Fukuoka, (30): 283. — LÖBL & BESUCHET, 2004, Cat. Palaeoarct. Coleopt., **2**: 279.

Batrissoplusis nomurai LÖBL, 1998, Bull. Soc. ent. Suisse, **71**: 463. — LÖBL & BESUCHET, 2004, Cat. Palaeoarct. Coleopt., **2**: 278 (replacement name for *B. antennatus*). *Syn. nov.*

Material examined. Probable syntype ♂ (Figs. 1, 2), Japan, Hiller / Batrisus auriculatus W.

Remarks. The probable syntype of *Batriscus antennatus* was labelled “*Batriscus auriculatus*”, which is an undescribed name. The reason why the type was labelled with a different name is unknown. However, it must be a factor that the type has been untraceable by succeeding scientists.

***Bryaxis subseriatus* (WEISE)**

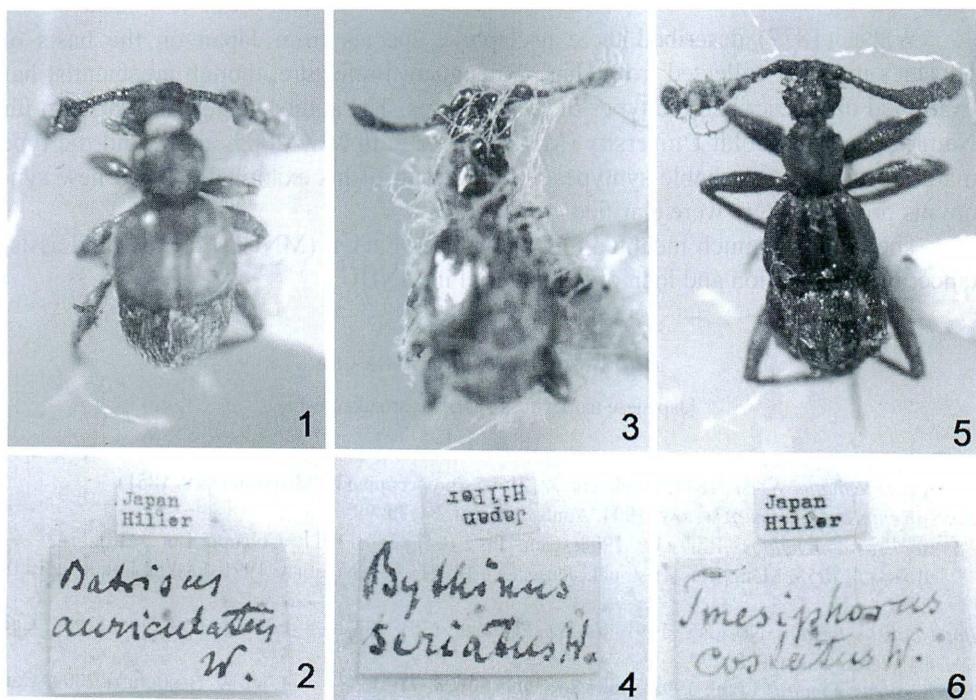
[Japanese name: Naga-onohige-arizukamushi]

(Figs. 3–4)

Bythinus subseriatus WEISE, 1877, Dtsch. ent. Z., **21**: 98.

Bryaxis subseriatus: RAFFRAY, 1904, Annls. Soc. ent. Fr., **73**: 287 (*subseriata*); 1908, Gen. Ins., (64): 279 (*subseriata*); 1911, Coleopt. Cat., (27): 121 (*subseriata*). — JEANNEL, 1958, Mém. Mus. Hist. nat., Paris, (A), **18**: 90. — LÖBL, KURBATOV & NOMURA, 1998, Spec. Div., Sapporo, **3**: 267. — LÖBL & BESUCHET, 2004, Cat. Palaeart. Coleopt., **2**: 310.

Bryaxis frontalis JEANNEL, 1958, Mém. Mus. Hist. nat., Paris, (A), **18**: 87. — LÖBL, KURBATOV & NOMURA, 1998, Spec. Div., Sapporo, **3**: 226. — LÖBL & BESUCHET, 2004, Cat. Palaeart. Coleopt., **2**: 305. *Syn. nov.*



Figs. 1–6. Type specimens and their labels of three pselaphine species described by WEISE (1877) preserved in MNHU. — 1, Probable syntype of *Batriscus antennatus* WEISE; 2, ditto, labels; 3, probable syntype of *Bythinus subseriatus* WEISE; 4, ditto, labels; 5, holotype of *Tmesiphorus costatus* WEISE; 6, ditto, labels.

Material examined. Probable syntype ♂ (Figs. 3, 4), Japan, Hiller / *Bythinus seriatus* W.

Remarks. The type of “*Bythinus seriatus*” densely covered by fungi was identical with the well-known Japanese species, *Bryaxis frontalis* JEANNEL. It was also labelled with an undescribed name different from the one given in the original description, as in the foregoing case of *Batrissus antennatus*.

***Tmesiphorus costatus* WEISE**

[Japanese name: Misuji-higekata-arizukamushi]
(Figs. 5–6)

Tmesiphorus costatus WEISE, 1877, Dtsch. ent. Z., **21**: 99; —— RAFFRAY, 1904, Annls. Soc. ent. Fr., **73**: 423; 1908, Gen. Ins., (64): 374; 1911, Coleopt. Cat., (27): 157. —— JEANNEL, 1958, Mém. Mus. Hist. nat., Paris, (A), **18**: 118. —— LÖBL & BESUCHET, 2004, Cat. Palaeart. Coleopt., **2**: 327.

Material examined. Holotype ♂ (Figs. 5, 6), Japan, Hiller / *Tmesiphorus costatus* W.

Remarks. The type of this species was found in the same collection of MNHU as the probable syntypes of *Batrissus antennatus* and *Bythinus subseriatus*. It could be regarded as the holotype by monotypy with no taxonomical problem, because WEISE commented on the type material “1 Stück (Männchen) bei Hagi aus Laub gesiebt.” in the original description and the labelled name is coincident with that in the original paper.

要 約

野村周平：WEISE (1877) によって記載された日本産アリヅカムシ 3 種に関する分類学的ノート (ハネカクシ科・アリヅカムシ亜科)。—— WEISE (1877) が日本 (山口県萩) から記載したアリヅカムシ 3 種について、フンボルト大学自然史博物館 (ドイツ, ベルリン) に所蔵されるタイプ標本に基づく分類学的検討を行なった。*Batrissus antennatus* WEISE (のちに *Batrissoplusis* 属へ移された) のシンタイプと思われる標本には “*Batrissus auriculatus*” (未記載名) と書かれたラベルが付されていた。また、*Bythinus subseriatus* WEISE (のちに *Bryaxis* 属に移された) のシンタイプと思われる標本のラベルには “*Bythinus seriatus*” (未記載名) と記されていた。上記 2 点は同時に記載された *Tmesiphorus costatus* WEISE ミスジヒゲカタアリヅカムシ (和名新称) のホロタイプと同じ場所に収納されていた。これらの事実と標本を検討した結果、*B. antennatus* の置換名である *Batrissoplusis nomurai* LÖBL は *B. tosanus* NOMURA トサフサヒゲアリヅカムシ (和名新称) の、また本州、四国、九州から知られる *Bryaxis frontalis* JEANNEL ナガオノヒゲアリヅカムシは *B. subseriatus* のそれぞれ下位シノニムであると結論づけられた。

References

JEANNEL, R., 1958. Révision des Pselaphides du Japon. *Mém. Mus. Hist. nat., Paris*, (A), **18**: 1–138.

LÖBL, I., 1998. On new and old replacement names in Palaearctic Pselaphinae (Coleoptera: Staphylinidae). *Bull. Soc. ent. Suisse*, **71**: 463–465.

_____, S. A. KURBATOV & S. NOMURA, 1998. On the Japanese species of *Bryaxis* (Coleoptera: Staphylinidae: Pselaphinae), with notes on allied genera and on endoskeletal polymorphy. *Spec. Div., Saporo*, **3**: 219–269.

NOMURA, S., 1991. Systematic study on the genus *Batrissoplitus* and its allied genera from Japan (Coleoptera, Pselaphidae). *Esakia, Fukuoka*, (30): 1–462

WEISE, J., 1877. Japanische Staphylinidae und Pselaphidae. *Dtsch. ent. Z.*, **21**: 88–100.